

DLW43MH201XK2#

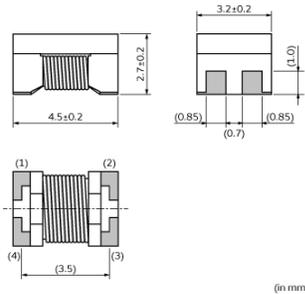
“#” indicates a package specification code.



< List of part numbers with package codes >

DLW43MH201XK2B DLW43MH201XK2K DLW43MH201XK2L

Appearance & Shape



Features

1. Small size: L4.5xW3.2xT2.7mm (EIAcode: 1812)
Tolerance: 0.2mm
2. It realized common mode inductance of 200microH (at 0.1MHz) though it is small size.
3. Transfer mode conversion characteristics is properly improved.

Applications

Noise countermeasures for the automotive market, in particular for the vehicle LAN BroadR-Reach®

Applications

| | |
|------------------|-------------------|
| Automotive Usage | Powertrain/Safety |
|------------------|-------------------|

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| B | Bulk(Bag) | 100 |
| K | 330mm Embossed Tape | 2500 |
| L | 180mm Embossed Tape | 500 |

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

| | | | |
|-----------------------------|--------------------------------------|--|----------------------------------|
| Shape | SMD | Number of Circuit | 1 |
| Size Code (in mm) | 4532 | Common Mode Inductance | 200 μ H-25%/+50% (at 0.1MHz) |
| Size Code (in inch) | 1812 | Operating Temperature Range(Self-temperature rise is included) | No |
| Length | 4.5mm | | |
| Length Tolerance | \pm 0.2mm | | |
| Width | 3.2mm | | |
| Width Tolerance | \pm 0.2mm | | |
| Thickness | 2.7mm | | |
| Thickness Tolerance | \pm 0.2mm | | |
| Rated Current | 110mA | | |
| Rated Voltage | 20Vdc | | |
| Withstanding Voltage | 50Vdc | | |
| DC Resistance(max.) | 4.5 Ω | | |
| DC Resistance | 4.5 Ω max. | | |
| Insulation Resistance(min.) | 10M Ω | | |
| Operating Temperature Range | -40 $^{\circ}$ C to 105 $^{\circ}$ C | | |
| Mass(typ.) | 0.16g | | |

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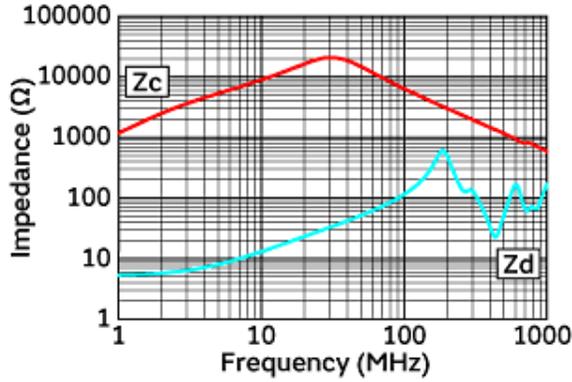
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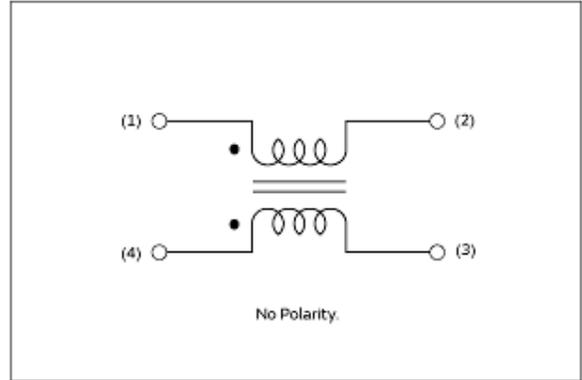
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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